

California Box C.B. Sheets California Box II Guide to Buying Custom Corrugated Sheets, Displays & Boxes



Cal Box II - "Rancho"

120,000 sq. ft. state of the art plant in Rancho Cucamonga, CA.
Located near where the 10 and 15 Freeway cross.

Our Goals

- Satisfy each customer's needs with prompt, courteous service and timely delivery.
- Identify problems early and deliver consistently on time with quality and competitive solutions . . . "no excuses".
- To be known as the Team people can rely on. We keep our promises.
- With state-of-the-art machinery, a global supply chain and strong financials, we will always be competitive.
- CalBox II is a certified ISO-9001-2001 manufacturer.

Types of Products

- Litho Lamination to corrugated
- Partitions, Pads, Inner Packaging Forms, Tubes, Displays, Bins, Storage Files, Trays
- Boxes of all sizes, glued, taped or stitched
- High Graphic Printing up to 4 colors
- Short or medium sized orders are our niche
- Die cutting: Rotary and Flat, any size
- CUSTOM BOXES of all styles, including:
 - RTE Reverse Tuck Ends
 - RSC Regular Slotted Container
 - HSC Half Slotted Container
 - FOL Full Over Flap
 - OPF One Piece Folder
 - FPF Five Panel Folder
 - RSTT Roll Side Tuck Top
 - RETT Roll End Tuck Top
 - DS Double Side Box
 - DST Design Style Tray
 - CSSC (AFM) Center Special Slot
 - POL (OSC) Overlap Slot Container
 - VD Vari-Depth Folders or Boxes
 - FTHS Full Telescope Half Slot Box
 - GAYLORDS Bulk Cargo Containers
 - Auto Lock Bottom Boxes

Designers

Each of our facilities have their own structural designers using CAD-CAM, and the latest software style libraries.

Specialty Boards, Coatings & Inks

- W5C
- V3C
- Michelman Coating
- #1 White
- #2, #3 White
- Solid Ink Coverage
- GCMI & PMS Inks
- Anti Rub Inks
- Anti Stat (ESD)
- WRA
- Waxed
- N & F Flutes
- Triple Wall
- Fire Retardant

Paper Grades

We use popular board combinations with new (virgin) Kraft on Mullen and recycled ECT (Edge Crush Test) liner. Values below are minimum not average ECT values.

SINGLE WALL				DOUBLE WALL					
	Liner	Medium	Liner	Liner	Medium	Liner	Medium	Liner	
Non Test	23	23	23	Non Test	23	23	23	23	23
125	35	23	23	200	42	23	23	23	23
150	35	23	35	48ECT	35	23	23	23	35
175	42	23	35	275	42	23	35	23	42
32 ECT	35	35	35	51 ECT	35	23	35	23	35
200	42	23	42	350	42	23	42	23	42
40 ECT	56	23	35	61 ECT	56	23	35	23	56
250	42	23	56	400	69	23	42	23	69
44 ECT	56	23	56	71 ECT	56	23	56	23	56
275	69	23	69	450	69	23	69	23	69
350	90	23	90	500	90	23	42	23	90
				600	90	23	90	23	90

Note: ECT = compression testing in pounds per inch
 Mullen Test = Bursting test in pounds per square inch.
 Minimum Values are usually used for ECT Alt. Rule 41.
 This provides a 15% increase in mullen over most competitor liners.

Conform to Regulations

- Rail Classification Alt Rule 41 (ECT)
- Rail Classification Rule 41 (Mullen)
- Truck Classification Rules (NMFC)
- Air Cargo Rules
- UPS Regulations
- Federal and Environmental Specs
- Hazardous Material Packaging (DOT) (UN)
- Military Specs
- Parcel Post Regulations
- ISO 9000-2010 Quality Certifications
- NAFTA (We ship into Mexico) Quality Certification

RULE 41 CLASSIFICATION DATA: Since the acceptance of the Alternate Rule 41 and ECT Board, a few years ago, buyers of ECT corrugated sheets and boxes must live by the motto "Buyer Beware", as ECT is only a guideline.

Listed below are the minimum requirements of the Uniform and Consolidated Freight Classification Act for representative Mullen test boxes. Rule 41 is a minimum rule. For adequate protection, it is often necessary to ship heavier Mullen test (or ECT board) than specified, see below.

Flute Corrugated Sizes

33±3 Flutes/Lin. Ft.

"A" Flute

Characteristics: High top-to-bottom compression, good stacking strength. Thickness gives outstanding cushioning protection.

47±3 Flutes/Lin. Ft.

"B" Flute

Characteristics: Has high resistance to crunching, which makes for excellent printing surface, slots and scores easily.

39±3 Flutes/Lin. Ft.

"C" Flute

Characteristics: Greater resistance to flat crush than "A" or the older "C" flute. Excellent printing surface, with fewer high and low corrugations. The new "C" flute combines best characteristics of "A" and "B" types.

90±3 Flutes/Lin. Ft.

"E" Flute

Doublewall Combinations



A/B

B/C

A/C

Characteristics: Double wall board can be made in any combinations of flutes shown. Use when extra thickness and stacking strength is required.

Here's How to Figure Out Type of Board, Test and Liner

Description	Maximum Weight of Box and Contents	Inside Size (L + W + D) May Total Up To:	Bursting (Mullen) Test of :	Rule 41 Requires Minimum Facings of :
 DOUBLE FACE (SINGLE WALL)	20 LBS.	40 IN.	125 LBS. Per Sq. In.	52 LBS. (Combined Wt.)
	40 LBS.	60 IN.	175 LBS. Per Sq. In.	75 LBS. (Combined Wt.)
	65 LBS.	75 IN.	200 LBS. Per Sq. In.	84 LBS. (Combined Wt.)
	90 LBS.	90 IN.	275 LBS. Per Sq. In.	138 LBS. (Combined Wt.)
	120 LBS.	100 IN.	350 LBS. Per Sq. In.	180 LBS. (Combined Wt.)
 DOUBLE WALL	65 LBS.	75 IN.	200 LBS. Per Sq. In.	92 LBS. (Combined Wt.)
	90 LBS.	90 IN.	275 LBS. Per Sq. In.	110 LBS. (Combined Wt.)
	120 LBS.	100 IN.	350 LBS. Per Sq. In.	126 LBS. (Combined Wt.)
	140 LBS.	110 IN.	500 LBS. Per Sq. In.	222 LBS. (Combined Wt.)
	160 LBS.	120 IN.	600 LBS. Per Sq. In.	270 LBS. (Combined Wt.)

All medium must be 25 lbs. per MSF of board not less than .009" thick. They are usually 100% Recycled. To add strength, CB Sheets can substitute a liner for medium.

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Cal Box Co., Santa Fe Springs, CA
200,000 sq. ft. modern facility
located near the junction of the 5 and 605 Freeways.

Our Commitment

By utilizing **our own 98" Corrugator** Cal Box can handle the special production needs of its customers.

Fast reliable service and quality are more than words or a slogan to us — it is a way of life. It is the number one consideration in everything we do. Since 1984, this dedication has allowed Cal Box to attain a leadership position in the manufacturing and JIT delivery of quality corrugated boxes and displays.

We have no sales department to compete with you. We are 100% Resale.

CALIFORNIA BOX CO.

C.B. SHEETS CO.

Cal Box I

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